SONY

3-758-852-21 (1)

Electronic Sketch Pad

HB-A5710

Operating Instructions

These instructions are intended for the guardian. Please read through the instructions before allowing your child to use the Electronic Sketch Pad.
Activity cards for children are supplied.

Sony Corporation © 1994 Printed in Japan

WARNING

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Welcome !

Thank you for purchasing the Sony HB-A5710 Electronic Sketch Pad. With this unit, you can draw colorful pictures on a TV screen.

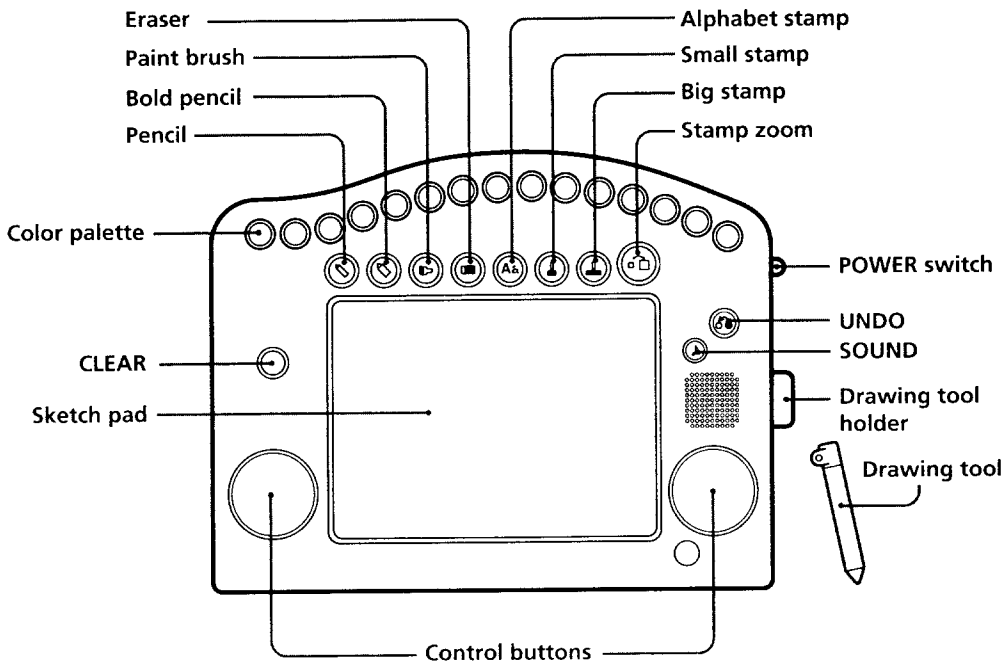
SONY and "my first Sony" are trademarks of Sony Corporation.

Note on TV Color System

TV color systems differ from country to country.
To see your drawings on a TV, you need an NTSC system based TV.

Making a Sketch

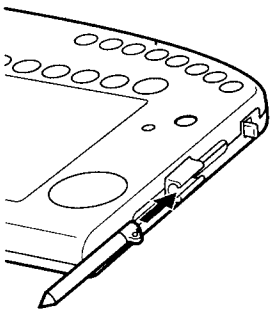
Parts Identification



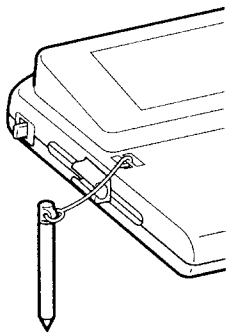
Note

Use the supplied drawing tool only. If you use other pens, the sketch pad may be damaged.

How to use the drawing tool holder



To avoid losing the drawing tool



Tie the drawing tool to the rear of the unit.

Drawing

You can draw lines of two thicknesses.

1 Set the power switch to ON.

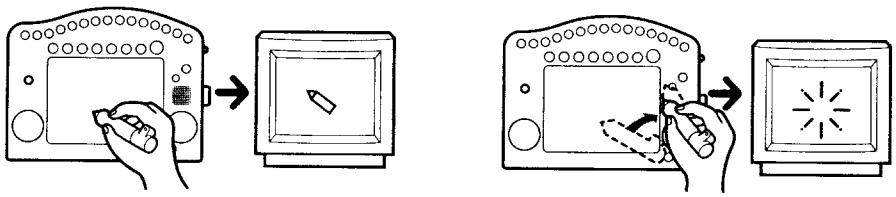
The demonstration drawing starts. It shows you what you can do with this unit.
- To interrupt the demonstration, touch the sketch pad with the drawing tool.
- To clear the demonstration screen, press CLEAR with the drawing tool.
- You can draw on the demonstration screen without clearing it.

2 Select the line thickness.
- To draw a thin line, press ⊘ (pencil) with the drawing tool.
- To draw a thick line, press ⊘ (bold pencil).

3 Select the color by pressing one of the colors on the color palette with the drawing tool.

4 Touch the sketch pad with the drawing tool.

appears on the TV screen while the drawing tool is touching the pad.
- will disappear if the drawing tool is removed from the pad.



5 Press and hold either of the control button and start drawing on the sketch pad with the drawing tool.
- Be sure to hold down either of the control button while drawing, or the line you draw will not appear on the TV screen.
- You cannot draw on the margin of the sketch pad.

6 Repeat steps 4 and 5 to make a sketch.

Notes
- If the unit is left unused for 10 minutes, the buzzer will beep. To turn off the buzzer, touch the sketch pad with the drawing tool or set the power switch to OFF.
- Do not press the sketch pad with your hands while drawing, or the lines will not follow the movement of the drawing tool.
- Draw slowly. If you move the drawing tool too quickly, the line will not follow the movement of the drawing tool correctly.
- Do not be too close to the TV screen when you use the unit.

Painting

You can paint an area enclosed within lines in your desired color and pattern.

1 Press ⓔ (paint brush) with the drawing tool.
and the patterns appear on the TV screen.

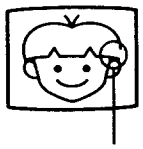
2 Select the color by pressing on the color palette with the drawing tool.

3 Select the pattern by moving to the desired pattern with the drawing tool.

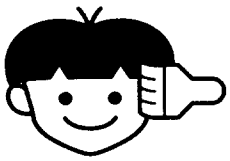
4 Press either of the control button.
appears on the TV screen.

5 Move with the drawing tool to where you want to paint.

6 Press either of the control button.
You can keep on painting as long as you keep on drawing on the pad.



If there is a break in the line, the color will not be contained within the area intended to be colored.



Painting starts at the top of the brush.

Stamping

94 kinds of stamps are available (see "Available Stamp Patterns").

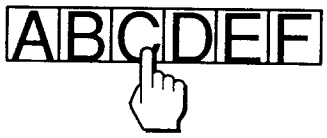
1 Press (alphabet stamp), (small stamp), or (big stamp) with the drawing tool.

and the stamps appear on the TV screen.

- Each time you press (big stamp), two sets of five stamps alternate on the TV screen.
- Each time you press (alphabet stamp), two sets of alphabet stamps (capital and lower letters) alternate on the TV screen.

2 Select the color by pressing on the color palette.

3 Select the stamp by moving to the desired stamp with the drawing tool.



4 Press either of the control button.

The stamp you chose appears on the TV screen.

5 Move the stamp to where you want it to appear and press either of the control button.

The stamp appears where you moved it.

6 To choose other stamps, repeat steps 1 through 5.

To copy a stamp

Repeat step 5 of "Stamping" (see above).

To enlarge a stamp

Press (stamp zoom) right after step 4 of "Stamping" (see above). Stamp zoom function will be released if you press (stamp zoom) again.

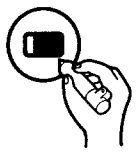
Erasing a Sketch

Erasing Partially

1 Press ◉(eraser) with the drawing tool.
■ appears on the TV screen.

2 With the drawing tool, move ■ to where you want to erase.

3 While holding down either of the control button, move ■ to erase the sketch.



Erasing the Entire Screen

Press CLEAR.

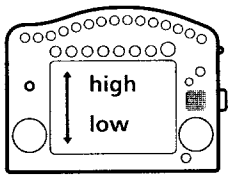
Undoing an Action

You can undo (cancel) the last operation including drawing, painting, stamping, clearing, and undoing. If you unintentionally erase a sketch, you can call it back with this function.

Press UNDO.

Making a Sketch with Sound

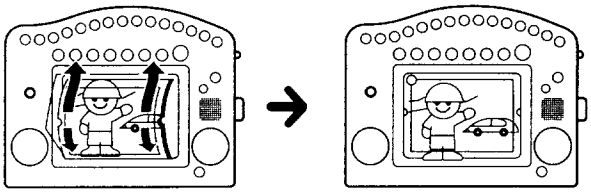
The unit makes a sound according to the kind of movement made by the drawing tool. To turn off the sound, press SOUND. Each time you press SOUND, the sound goes on and off.



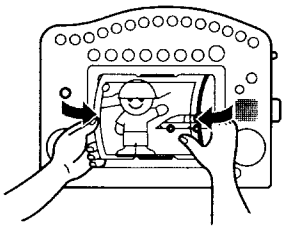
Using the Activity Cards

Attach one of the activity cards as illustrated and follow the instructions of each card.

Insert the top and bottom edges of the activity card between the pad and the frame.



To remove, lift the card by picking the notches on both sides.



Available Stamp Patterns

See "Stamping" on how to use the stamp function.

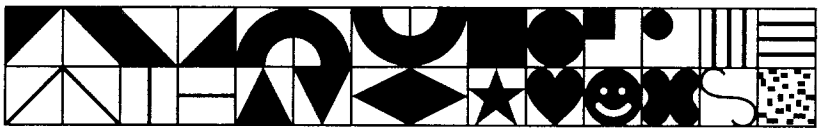
Alphabet Stamps (56)

① A B C D E F G H I J K L M N
O P Q R S T U V W X Y Z ! ?

② a b c d e f g h i j k l m n
o p q r s t u v w x y z " "

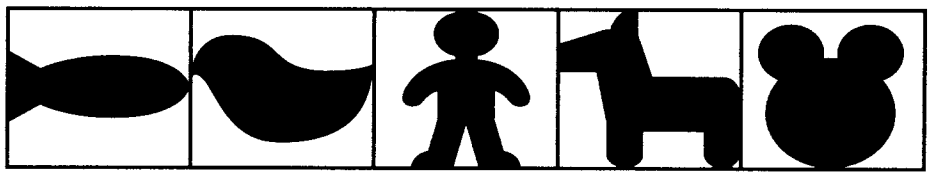
• Alphabet stamps ① and ② alternate each time (Aa)(alphabet stamp) is pressed.

Small Stamps (28)

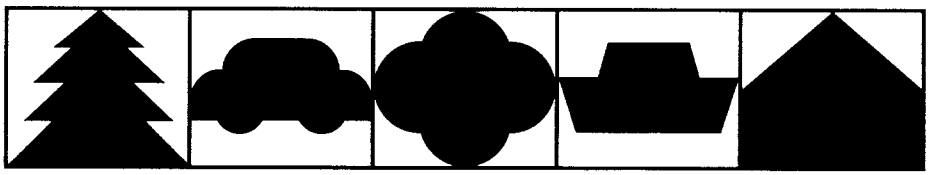


Big Stamps (10)

①



②

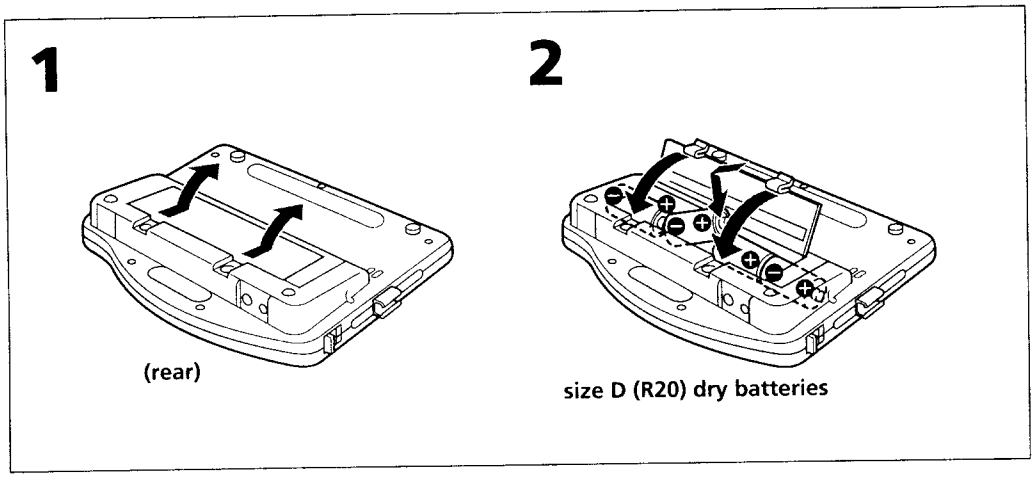


• Big stamps ① and ② alternate each time (big stamp) is pressed.

Preparing a Power Source

To Operate the Unit on Batteries

Batteries should be installed by an adult.
Insert 4 size D (R20) batteries (not supplied) by matching the + and – on the dry batteries to the + and – in the battery compartment.



Replacing batteries

Replace all the dry batteries with new ones when:

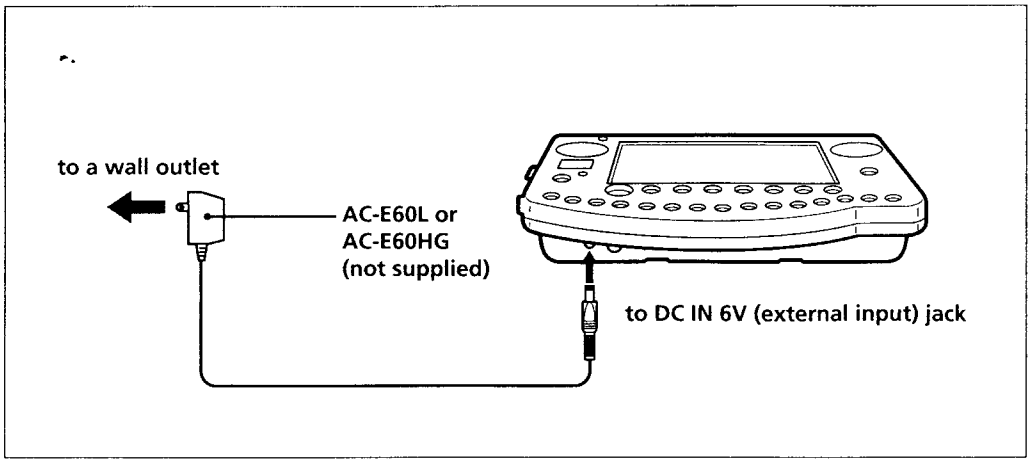
— the picture becomes dark and unclear.
— the sound becomes weak.
— the picture does not appear on the TV screen.

Notes on batteries

- Do not use any type of battery other than size D (R20) dry batteries.
- When installing batteries, do not mix new and used batteries, or batteries of different types.
- Do not try to recharge batteries.
- When you do not intend to use the unit for a long period of time, remove the batteries to avoid damage caused by battery leakage and corrosion.

To Operate the Unit on AC Power

Connect the AC power adaptor (not supplied).



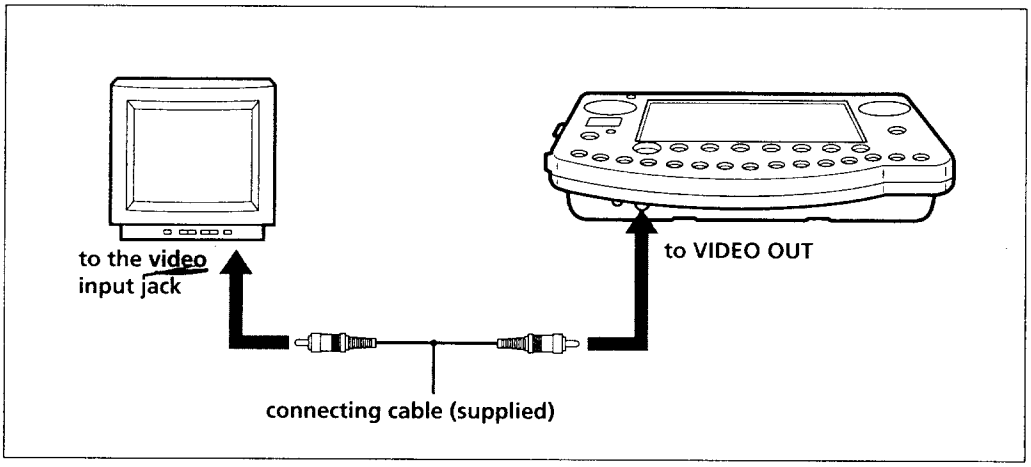
Note on using an AC power adaptor (not supplied)

Use only the AC-E60L or AC-E60HG AC power adaptor (not supplied). Do not use any other AC power adaptor.

Connecting to a TV

To Connect to a TV Set with a Video Input Jack

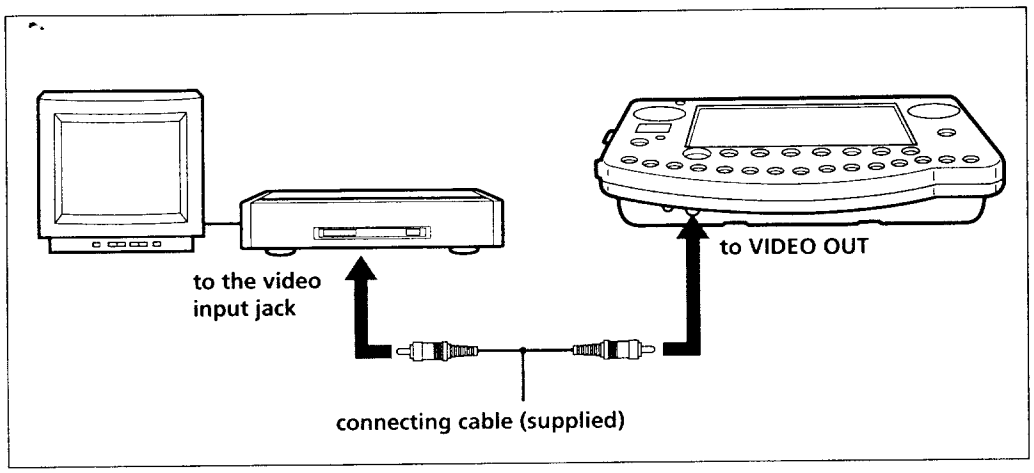
Connect the unit to the video input jack of your TV set.



To see your drawings on the TV screen, set your TV set to video channel. For details, refer to the instruction manual of the TV set.

To Connect to a TV Set without a Video Input Jack

If a VCR is connected to the TV set, connect the unit to the video input jack of your VCR. You can record your own sketch while drawing.



To see your sketch on the TV screen and/or record it, set the input selector of your VCR to LINE IN (external input). For details, refer to the instruction manual of the VCR.

Troubleshooting Guide

Problem	Solution
The power is not turned on.	• Insert batteries by matching the + and – on the batteries to the + and – in the battery compartment. • The AC power adaptor is disconnected from the wall outlet. ➡ Connect it to the wall outlet.
Pictures or letters you are drawing do not appear on the TV screen.	• Check the connection. • Set the TV/VCR selector on the TV or VCR to VCR. • Replace the batteries with new ones.
The pictures and letters you have drawn or the colors are distorted.	Replace the batteries with new ones.
Blurred lines	Draw lines holding the drawing tool pressed more forcibly on the sketch pad.
It is not possible to draw pictures.	Press either of the control buttons while you draw pictures.
The color on the TV screen does not correspond with that of the color palette on the unit.	Adjust the hue control on the TV.

Specifications

Video signal	NTSC
Power requirements	
	6 V DC
	4 size D (R20) dry batteries
	DC IN 6V jack accepts:
	Sony AC-E60L or AC-E60HG power adaptor (not supplied)
Battery life	Sony battery SUM-1 (NS): Approx. 7 hours
	Sony alkaline battery AM1 (N): Approx. 30 hours
Dimensions	Approx. 335 x 58 x 260 mm (13 1/4 x 2 3/8 x 10 1/4 inches)
Mass	Approx. 1.1 kg (2 lb. 7 oz.) (battery excluded)
Supplied accessories	
	Drawing tool (1)
	Connecting cable (1)
	Activity cards (3)

Design and specifications are subject to change without notice.